

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|---|------|-----|-------|--|----------------------------|------------------|----------|
| 1 | BRS | L1 | 5 | (parallel near2 equaliz\$8 or plural\$3 near3 equaliz\$4 or multi\$3 near3 equaliz\$8 or bank\$1 near3 equaliz\$8 or diversity near3 equaliz\$6) same (complex near3 multiplier\$1 or orthogonal near2 detect\$4 or orthogonal near2 signal\$1 or QPSK near2 detect\$4 or complex near3 detect\$4 or complex near3 mix\$3) same (add\$3 or summ\$3 or subtract\$4) | USPA T; US-P GPUB | 2004/01/13 10:33 | |
| 2 | BRS | L2 | 646 | (parallel near2 equaliz\$8 or plural\$3 near3 equaliz\$4 or multi\$3 near3 equaliz\$8 or bank\$1 near3 equaliz\$8 or diversity near3 equaliz\$6) same (add\$3 or summ\$3 or subtract\$4 or combin\$3) | USPA T; US-P GPUB | 2004/01/13 10:05 | |
| 3 | BRS | L3 | 853 | (left near3 shift\$3) and (right near3 shift\$3) and (center near3 shift\$3) | USPA T; US-P GPUB | 2004/01/13 10:34 | |
| 4 | BRS | L4 | 0 | 2 and 3 | USPA T; US-P GPUB | 2004/01/13 09:53 | |
| 5 | BRS | L5 | 15577 | (left near3 shift\$3) and (right near3 shift\$3) | USPA T; US-P GPUB | 2004/01/13 09:53 | |
| 6 | BRS | L6 | 8 | 2 and 5 | USPA T; US-P GPUB | 2004/01/13 09:53 | |

| | Error Definition | Er ro rs |
|---|---------------------|----------------|
| 1 | | 0 |
| 2 | | 0 |
| 3 | | 0 |
| 4 | | 0 |
| 5 | | 0 |
| 6 | | 0 |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|----|------|-----|------|---|----------------------------|------------------|----------|
| 7 | BRS | L7 | 27 | (parallel near2 equaliz\$8 or plural\$3 near3 equaliz\$4 or multi\$3 near3 equaliz\$8 or bank\$1 near3 equaliz\$8 or diversity near3 equaliz\$6) and 5 | USPA T; US-P GPUB | 2004/01/13 09:57 | |
| 8 | BRS | L8 | 0 | (parallel near2 equaliz\$8 or plural\$3 near3 equaliz\$4 or multi\$3 near3 equaliz\$8 or bank\$1 near3 equaliz\$8 or diversity near3 equaliz\$6) same (left near3 shift\$3) same (right near3 shift\$3) | USPA T; US-P GPUB | 2004/01/13 10:06 | |
| 9 | BRS | L10 | 5 | (complex near3 multiplier\$1 or orthogonal near2 detect\$4 or orthogonal near2 signal\$1 or QPSK near2 detect\$4 or complex near3 detect\$4 or complex near3 mix\$3) same (left near3 shift\$3) same (right near3 shift\$3) | USPA T; US-P GPUB | 2004/01/13 10:35 | |
| 10 | BRS | L9 | 59 | (equaliz\$6) same (left near3 shift\$3) same (right near3 shift\$3) | USPA T; US-P GPUB | 2004/01/13 10:08 | |
| 11 | BRS | L11 | 4 | (parallel near2 equaliz\$8 or plural\$3 near3 equaliz\$4 or multi\$3 near3 equaliz\$8 or bank\$1 near3 equaliz\$8 or diversity near3 equaliz\$6) same (center\$3 near3 shift\$3 or mid\$3 near3 shift\$3 or center near3 rotat\$4 or mid\$3 near3 rotat\$4) | USPA T; US-P GPUB | 2004/01/13 10:16 | |

| | Error Definition | Er ro rs |
|----|---------------------|----------------|
| 7 | | 0 |
| 8 | | 0 |
| 9 | | 0 |
| 10 | | 0 |
| 11 | | 0 |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|----|------|-----|------|--|----------------------------|------------------|----------|
| 12 | BRS | L12 | 241 | (left near3 equaliz\$8) same (right near3 equaliz\$8) | USPA T; US-P GPUB | 2004/01/13 10:16 | |
| 13 | BRS | L13 | 6 | (complex near3 multiplier\$1 or orthogonal near2 detect\$4 or orthogonal near2 signal\$1 or QPSK near2 detect\$4 or complex near3 detect\$4 or complex near3 mix\$3 or complex near3 coefficient\$1 or complex near3 signal\$1) and 12 | USPA T; US-P GPUB | 2004/01/13 10:17 | |
| 14 | BRS | L14 | 236 | 12 and (add\$3 or summ\$3 or subtract\$4 or combin\$3) | USPA T; US-P GPUB | 2004/01/13 10:19 | |
| 15 | BRS | L15 | 35 | 12 same (add\$3 or summ\$3 or subtract\$4 or combin\$3) | USPA T; US-P GPUB | 2004/01/13 10:19 | |
| 16 | BRS | L16 | 646 | (parallel near2 equaliz\$8 or plural\$3 near3 equaliz\$4 or multi\$3 near3 equaliz\$8 or bank\$1 near3 equaliz\$8 or diversity near3 equaliz\$6) same (add\$3 or summ\$3 or subtract\$4 combin\$3) | USPA T; US-P GPUB | 2004/01/13 10:34 | |
| 17 | BRS | L17 | 376 | (parallel near2 equaliz\$8 or plural\$3 near3 equaliz\$4 or multi\$3 near3 equaliz\$8 or bank\$1 near3 equaliz\$8 or diversity near3 equaliz\$6) with (add\$3 or summ\$3 or subtract\$4 combin\$3) | USPA T; US-P GPUB | 2004/01/13 10:34 | |
| 18 | BRS | L18 | 0 | 17 and 3 | USPA T; US-P GPUB | 2004/01/13 10:34 | |

| | Error Definition | Er ro rs |
|----|---------------------|----------------|
| 12 | | 0 |
| 13 | | 0 |
| 14 | | 0 |
| 15 | | 0 |
| 16 | | 0 |
| 17 | | 0 |
| 18 | | 0 |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|----|------|-----|-------|---|------------------------|------------------|----------|
| 19 | BRS | L19 | 0 | 16 and 3 | USPAT; US-P GPUB | 2004/01/13 10:35 | |
| 20 | BRS | L20 | 0 | 17 same (left near3 shift\$3) same (right near3 shift\$3) | USPAT; US-P GPUB | 2004/01/13 10:35 | |
| 21 | BRS | L21 | 0 | 16 same (left near3 shift\$3) same (right near3 shift\$3) | USPAT; US-P GPUB | 2004/01/13 10:35 | |
| 22 | BRS | L22 | 12159 | (left near3 shift\$3) same (right near3 shift\$3) | USPAT; US-P GPUB | 2004/01/13 10:36 | |
| 23 | BRS | L23 | 4 | 16 and 22 | USPAT; US-P GPUB | 2004/01/13 10:36 | |
| 24 | BRS | L24 | 3 | 17 and 22 | USPAT; US-P GPUB | 2004/01/13 10:36 | |
| 25 | BRS | L25 | 4 | 23 or 24 | USPAT; US-P GPUB | 2004/01/13 10:36 | |

| | Error Definition | Er ro rs |
|----|---------------------|----------------|
| 19 | | 0 |
| 20 | | 0 |
| 21 | | 0 |
| 22 | | 0 |
| 23 | | 0 |
| 24 | | 0 |
| 25 | | 0 |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|----|------|-----|------|--|----------------------------|----------------------|----------|
| 26 | BRS | L39 | 0 | (shift\$3 or rotat\$4) and 6222873.pn. | USPA T; US-P GPUB | 2004/01/1 3 11:08 | |
| 27 | BRS | L40 | 1 | (phas\$3) and 6222873.pn. | USPA T; US-P GPUB | 2004/01/1 3 10:57 | |
| 28 | BRS | L41 | 1 | (shift\$3 or rotat\$4) and 6028888.pn. | USPA T; US-P GPUB | 2004/01/1 3 11:08 | |
| 29 | BRS | L42 | 0 | (left or right or center\$3) and 6028888.pn. | USPA T; US-P GPUB | 2004/01/1 3 11:12 | |
| 30 | BRS | L43 | 1 | (up\$5 or down\$5) and 6028888.pn. | USPA T; US-P GPUB | 2004/01/1 3 11:09 | |
| 31 | BRS | L44 | 0 | (left or right or center\$3) and 6236864.pn. | USPA T; US-P GPUB | 2004/01/1 3 11:27 | |
| 32 | BRS | L45 | 1 | (shift\$4 or rotat\$4) and 6236864.pn. | USPA T; US-P GPUB | 2004/01/1 3 11:11 | |
| 33 | BRS | L46 | 0 | (equaliz\$8) and 6236864.pn. | USPA T; US-P GPUB | 2004/01/1 3 11:11 | |
| 34 | BRS | L47 | 0 | (FIR) and 6236864.pn. | USPA T; US-P GPUB | 2004/01/1 3 11:11 | |
| 35 | BRS | L48 | 1 | (Filter\$3) and 6236864.pn. | USPA T; US-P GPUB | 2004/01/1 3 11:11 | |
| 36 | BRS | L49 | 0 | (equaliz\$8) and 6028888.pn. | USPA T; US-P GPUB | 2004/01/1 3 11:13 | |
| 37 | BRS | L50 | 0 | (fir) and 6028888.pn. | USPA T; US-P GPUB | 2004/01/1 3 11:13 | |

| | Error Definition | Er ro rs |
|----|---------------------|----------------|
| 26 | | 0 |
| 27 | | 0 |
| 28 | | 0 |
| 29 | | 0 |
| 30 | | 0 |
| 31 | | 0 |
| 32 | | 0 |
| 33 | | 0 |
| 34 | | 0 |
| 35 | | 0 |
| 36 | | 0 |
| 37 | | 0 |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|----|------|-----|------|---|------------------------|------------------|----------|
| 38 | BRS | L51 | 0 | (filter\$3) and 6028888.pn. | USPAT; US-P GPUB | 2004/01/13 11:13 | |
| 39 | BRS | L52 | 1 | (left or right or center\$3) and 6449303.pn. | USPAT; US-P GPUB | 2004/01/13 11:36 | |
| 40 | BRS | L55 | 65 | (shift\$3 with FIR or shift\$3 with finite adj2 filter\$1 or shift\$3 with finite adj2 response\$1) same (equaliz\$8) | USPAT; US-P GPUB | 2004/01/13 12:00 | |
| 41 | BRS | L56 | 42 | (multi\$3 near3 FIR\$1 or plural\$3 near3 FIR\$1 or diversity near3 FIR\$1 or parallel near3 FIR\$1 or bank\$1 near3 FIR\$1) same (data near3 shift\$3 or phase near3 shift\$3 or shifter\$1 or shifting) | USPAT; US-P GPUB | 2004/01/13 12:14 | |
| 42 | BRS | L57 | 399 | (multi\$3 near3 FIR\$1 or plural\$3 near3 FIR\$1 or diversity near3 FIR\$1 or parallel near3 FIR\$1 or bank\$1 near3 FIR\$1) same (summ\$3 or subtract\$4 or add\$3 or combin\$4) | USPAT; US-P GPUB | 2004/01/13 12:15 | |
| 43 | BRS | L58 | 157 | (multi\$3 near3 FIR\$1 or plural\$3 near3 FIR\$1 or diversity near3 FIR\$1 or parallel near3 FIR\$1 or bank\$1 near3 FIR\$1) with (summ\$3 or subtract\$4 or add\$3 or combin\$4) | USPAT; US-P GPUB | 2004/01/13 12:16 | |
| 44 | BRS | L59 | 1 | 58 and (phaser\$1 or phasor\$1 or phasing) | USPAT; US-P GPUB | 2004/01/13 12:17 | |
| 45 | BRS | L60 | 40 | 58 and (shifter\$1 or shifting) | USPAT; US-P GPUB | 2004/01/13 12:17 | |

| | Error Definition | Er ro rs |
|----|---------------------|----------------|
| 38 | | 0 |
| 39 | | 0 |
| 40 | | 0 |
| 41 | | 0 |
| 42 | | 0 |
| 43 | | 0 |
| 44 | | 0 |
| 45 | | 0 |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|----|------|-----|------|--|----------------------------|------------------|----------|
| 1 | BRS | L1 | 874 | (plural\$3 near3 antenna\$2 or multi\$3 near3 antenna\$2 or parallel near3 antenna\$2 or bank\$1 near3 antenna\$2 or plural\$3 adj2 path\$1 or multi\$3 adj2 path\$1 or parallel adj2 path\$1) with (shift\$3 near3 data\$1 or shift\$3 near3 phas\$3 or shift\$3 near3 signal\$1) | USPA T; US-P GPUB | 2004/01/14 08:57 | |
| 2 | BRS | L2 | 16 | 1 same (equaliz\$8 or FIR\$1 or finite adj2 response\$1 or filter\$1 adj2 response\$1) | USPA T; US-P GPUB | 2004/01/14 09:11 | |
| 3 | BRS | L3 | 0 | 6477213.URPN. | USPA T | 2004/01/14 09:03 | |
| 4 | BRS | L4 | 3 | ("6222498" "6243412" "6314271").PN. | USPA T | 2004/01/14 09:03 | |
| 5 | BRS | L5 | 0 | 6636729.URPN. | USPA T | 2004/01/14 09:04 | |
| 6 | BRS | L6 | 5 | ("5819168" "5875216" "5966095" "6147985" "6208632").PN. | USPA T | 2004/01/14 09:04 | |
| 7 | BRS | L7 | 12 | 5819168.URPN. | USPA T | 2004/01/14 09:06 | |
| 8 | BRS | L8 | 2 | ("4639914" "5481570").PN. | USPA T | 2004/01/14 09:07 | |
| 9 | BRS | L9 | 7 | 5966095.URPN. | USPA T | 2004/01/14 09:07 | |
| 10 | BRS | L10 | 9 | 1 with (equaliz\$8 or FIR\$1 or finite adj2 response\$1 or filter\$1 adj2 response\$1) | USPA T; US-P GPUB | 2004/01/14 09:11 | |
| 11 | BRS | L11 | 0 | 10 not 2 | USPA T; US-P GPUB | 2004/01/14 09:11 | |
| 12 | BRS | L12 | 102 | 1 with (add\$3 or summ\$3 or subtract\$4 or combin\$3) | USPA T; US-P GPUB | 2004/01/14 09:12 | |

| | Error Definition | Er ro rs |
|----|---------------------|----------------|
| 1 | | 0 |
| 2 | | 0 |
| 3 | | 0 |
| 4 | | 0 |
| 5 | | 0 |
| 6 | | 0 |
| 7 | | 0 |
| 8 | | 0 |
| 9 | | 0 |
| 10 | | 0 |
| 11 | | 0 |
| 12 | | 0 |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|----|------|-----|------|--------------------------------|------------------------|------------------|----------|
| 13 | BRS | L13 | 97 | 12 not 2 | USPAT; US-P GPUB | 2004/01/14 09:33 | |
| 14 | BRS | L14 | 0 | 20030189514.URPN. | USPAT | 2004/01/14 09:13 | |
| 15 | BRS | L15 | 6 | 5517686.URPN. | USPAT | 2004/01/14 09:29 | |
| 16 | BRS | L16 | 2 | ("2951152" "5204979").PN. | USPAT | 2004/01/14 09:30 | |
| 17 | BRS | L17 | 12 | 13 and (equaliz\$8) | USPAT; US-P GPUB | 2004/01/14 09:34 | |

| | Error Definition | Er ro rs |
|----|---------------------|----------------|
| 13 | | 0 |
| 14 | | 0 |
| 15 | | 0 |
| 16 | | 0 |
| 17 | | 0 |